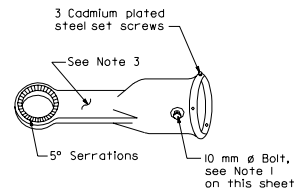
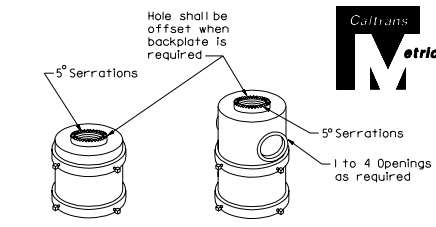


MAST ARM MOUNTING - TYPE "MAT"
For 2 NPS pipe, see Note 1 on this sheet.



MAST ARM MOUNTING - TYPE "MAS"
For 2 NPS pipe, see Note 1 on this sheet.

SIGNAL SLIP FITTERS



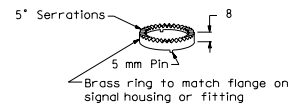
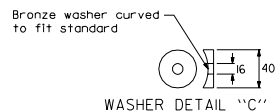
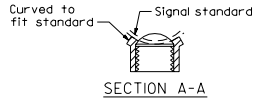
For one-way mounting For multiple mountings
TOP MOUNTINGS
For 4 NPS pipe, see Note 2 on this sheet.



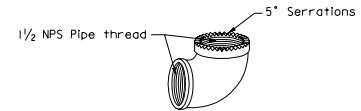
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

July 1, 1999
PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED ELECTRICAL ENGINEER
Sanjiv Chaturvedi
No. E13631
Exp. 8-30-03
ELECTRICAL
STATE OF CALIFORNIA

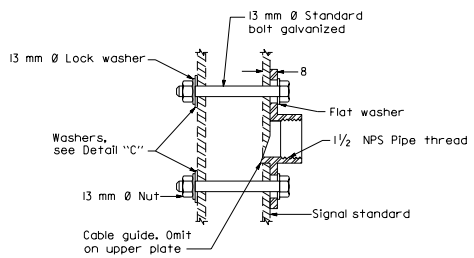
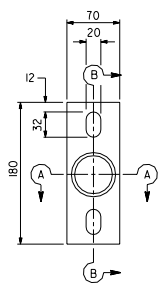


Use where locking ring is not integral with signal housing or fitting.

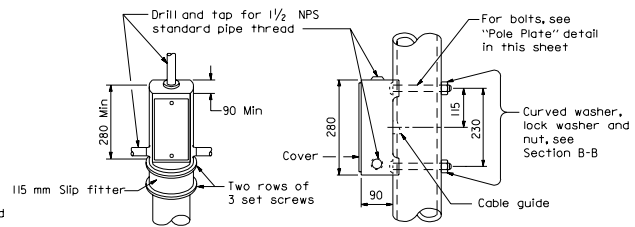


One for each face, except those with special slip fitter mounting

MISCELLANEOUS MOUNTING HARDWARE



POLE PLATE
For side mountings



TOP MOUNTING
SIDE MOUNTING
TERMINAL COMPARTMENTS

NOTES

- After mast arm signal has been plumbed and secured, drill 11 mm hole through mast arm tenon in line with slip fitter hole. Place a 10 mm Ø galvanized bolt with washer under bolt head through hole and secure with washer, nut, and locknut.
(a) Seal openings between MAS, MAT or MAS-5 mountings and mast arm.
- (a) Threaded top mounted slip fitter openings shall be 1/2 NPS.
(b) Serrations in fittings shall match those on bottom of signal heads or in lock ring.
(c) Top opening shall be offset when backplate is used.
- Wireway shall have a cross section area of 600 mm² minimum, Minimum width of 13 mm.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS
SIGNAL HEADS AND MOUNTINGS**

NO SCALE
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN